

MATERIAL SAFETY DATA SHEETRequired under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

| | |
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| MANUFACTURER'S NAME Rust-Lick of California | EMERGENCY TELEPHONE NO. (714) 535-6075 |
| ADDRESS (Number, Street, City, State, and ZIP Code) 303 No. Manchester Ave., Anaheim, CA 92801 | |
| CHEMICAL NAME AND SYNONYMS Emulsifiable Oil | TRADE NAME AND SYNONYMS CUTZOL HMD-100 |
| CHEMICAL FAMILY Emulsifiable Oil | FORMULA Proprietary Formulation |

SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|-----------------------------------|-----|----------------|---|-----|----------------|
| PIGMENTS | N/A | | BASE METAL | N/A | |
| CATALYST | N/A | | ALLOYS | N/A | |
| VEHICLE | N/A | | METALLIC COATINGS | N/A | |
| SOLVENTS | N/A | | FILLER METAL PLUS COATING OR CORE FLUX | N/A | |
| ADDITIVES | N/A | | OTHERS | N/A | |
| OTHERS | | | | | |

| Composition: HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % | TLV (Units) |
|--|----|----------------|
| Petroleum Oil | 70 | |
| Sodium petroleum sulfonate | 16 | |
| Triethanolamine | 2 | |
| Ethylene glycol mono butyl ether | 2 | |
| Lard oil | 10 | |

SECTION III - PHYSICAL DATA

| | | | |
|-------------------------|-------|---------------------------------------|-------|
| BOILING POINT (°F.) | 642°F | SPECIFIC GRAVITY (H ₂ O=1) | 0.938 |
| VAPOR PRESSURE (mm Hg.) | NIL | PERCENT VOLATILE BY VOLUME (%) | 2.0 |
| VAPOR DENSITY (AIR=1) | NIL | EVAPORATION RATE (_____ =1) | |
| SOLUBILITY IN WATER | 100% | | |
| APPEARANCE AND ODOR | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|------------------|-----|-----|
| FLASH POINT (Method used) Concentrate 320°F Non-flammable in dilution | FLAMMABLE LIMITS | LeI | UeI |
| EXTINGUISHING MEDIA CO ₂ or foam | | | |
| SPECIAL FIRE FIGHTING PROCEDURES Same as petroleum oil | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS None | | | |

| SECTION V - HEALTH HAZARD DATA | |
|------------------------------------|-------------------------------------|
| THRESHOLD LIMIT VALUE | Unknown |
| EFFECTS OF OVEREXPOSURE | Unknown |
| | |
| EMERGENCY AND FIRST AID PROCEDURES | In case material is ingested, see a |
| | physician |
| | |

| SECTION VI - REACTIVITY DATA | | | |
|---|----------------|---|---------------------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | Keep away from strong oxidizers |
| INCOMPATIBILITY <i>(Materials to avoid)</i> N/A | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS N/A | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | X | |
| | | | |

| SECTION VII - SPILL OR LEAK PROCEDURES | |
|---|--|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | |
| Use any oil absorbing material | |
| | |
| WASTE DISPOSAL METHOD | |
| Same as lubricating oil | |
| | |

| SECTION VIII - SPECIAL PROTECTION INFORMATION | | |
|---|-----------------------------|----------------|
| RESPIRATORY PROTECTION <i>(Specify type)</i> No special precautions | | |
| VENTILATION | LOCAL EXHAUST X | SPECIAL |
| | MECHANICAL <i>(General)</i> | OTHER |
| PROTECTIVE GLOVES | | EYE PROTECTION |
| OTHER PROTECTIVE EQUIPMENT | | |

| SECTION IX - SPECIAL PRECAUTIONS | |
|---|--|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | |
| No special precautions. | |
| Store as any lubricating oil. | |
| OTHER PRECAUTIONS | |
| | |